

L Number	Hits	Search Text	DB	Time stamp
1	2	benzo with imidazo with quinoxaline	USPAT; US-PGPUB	2003/04/17 11:04
2	6	benzo with imidazo with quinoline	USPAT; US-PGPUB	2003/04/17 11:05
3	4	benzo with imidazo with (quinoxaline or quinoxaliny)	USPAT; US-PGPUB	2003/04/17 11:04
4	6	benzo with imidazo with (quinoline or quinolinyl)	USPAT; US-PGPUB	2003/04/17 11:05
5	2	benzo with pyrazolo with (quinazolin or quinazoliny)	USPAT; US-PGPUB	2003/04/17 11:06
6	2	benzo with thiazolo with (quinoline or quinolinyl)	USPAT; US-PGPUB	2003/04/17 11:06

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now available on STN
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NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
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NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
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NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
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ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
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NEWS 30 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 31 Mar 24 Indexing from 1957 to 1966 added to records in CA/CAPLUS
NEWS 32 Apr 11 Display formats in DGENE enhanced
NEWS 33 Apr 14 MEDLINE Reload

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
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STRUCTURE FILE UPDATES: 15 APR 2003 HIGHEST RN 503084-53-5
DICTIONARY FILE UPDATES: 15 APR 2003 HIGHEST RN 503084-53-5

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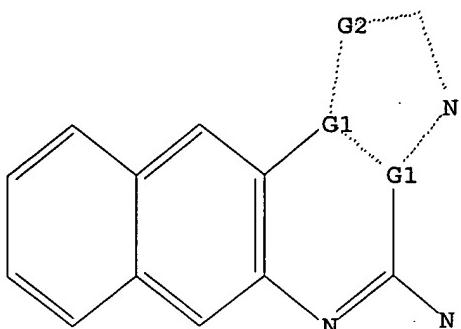
Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
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L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1 STR

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G1 C,N

G2 C,S,N

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SAMPLE SCREEN SEARCH COMPLETED - 60 TO ITERATE

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SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 736 TO 1664
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

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FULL SCREEN SEARCH COMPLETED - 1092 TO ITERATE

100.0% PROCESSED 1092 ITERATIONS 10 ANSWERS
SEARCH TIME: 00.00.01

L3 10 SEA SSS FUL L1

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FILE LAST UPDATED: 15 Apr 2003 (20030415/ED)

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=> s 13
L4 3 L3

=> d 14 1- ibib abs hitstr
YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003:77552 CAPLUS
DOCUMENT NUMBER: 138:131112
TITLE: Methods of treating inflammatory and immune diseases using inhibitors of I.kappa.B kinase (IKK)
INVENTOR(S): Burke, James R.; Townsend, Robert M.; Qiu, Yuping; Zusin, Fred Christopher; Nadler, Steven G.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 38 pp., Cont.-in-part of U.S. Ser. No. 965,977.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2003022898 | A1 | 20030130 | US 2002-62847 | 20020201 |
| US 2002072523 | A1 | 20020613 | US 2001-965977 | 20010927 |
| PRIORITY APPLN. INFO.: | | | US 2000-223304P | P 20001003 |
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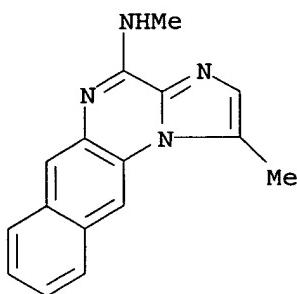
OTHER SOURCE(S): MARPAT 138:131112

AB The present invention describes methods of preventing and treating inflammatory and immune-related diseases or disorders using inhibitors of I.kappa.B kinase (IKK). Also described are IKK inhibitors effective for the prevention and treatment of inflammatory and immune-related diseases or disorders, as demonstrated in vivo. Further embodiments of the invention relate to specific IKK inhibitors, 4(2'-aminoethyl)amino-1,8-dimethylimidazo(1,2-a) quinoxaline and related compds.

IT 409369-76-2P 409369-77-3P 409369-78-4P
409369-79-5P 409369-80-8P 409369-81-9P
409369-82-0P 409369-83-1P

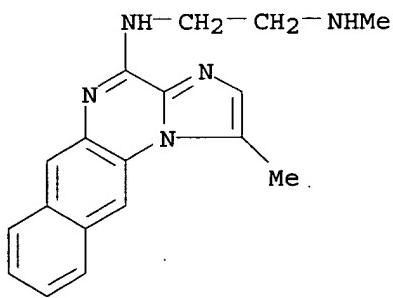
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(treating inflammatory and immune diseases using inhibitors of IkB kinase)

RN 409369-76-2 CAPLUS
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RN 409369-77-3 CAPLUS

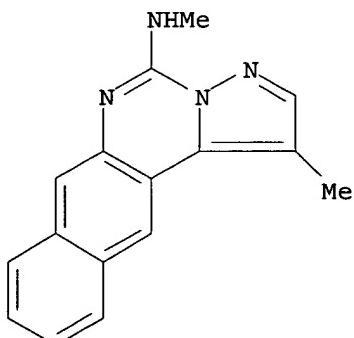
CN 1,2-Ethanediamine, N-methyl-N'-(1-methylbenz[g]imidazo[1,2-a]quinoxalin-4-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

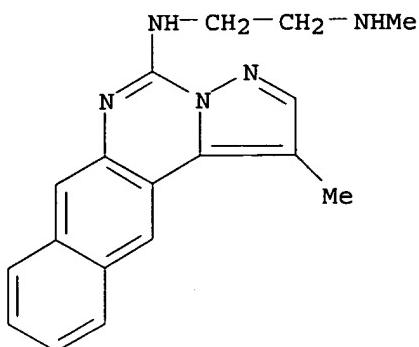
RN 409369-78-4 CAPLUS

CN Benzo[g]pyrazolo[1,5-c]quinazolin-5-amine, N,1-dimethyl- (9CI) (CA INDEX NAME)

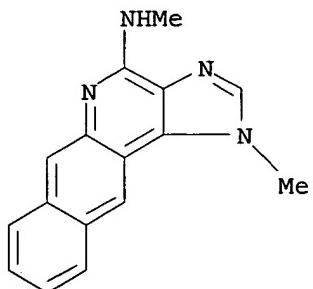


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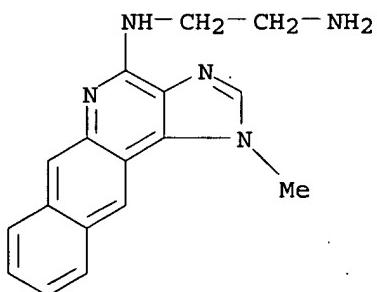
CN 1,2-Ethanediamine, N-methyl-N'-(1-methylbenzo[g]pyrazolo[1,5-c]quinazolin-5-yl)- (9CI) (CA INDEX NAME)



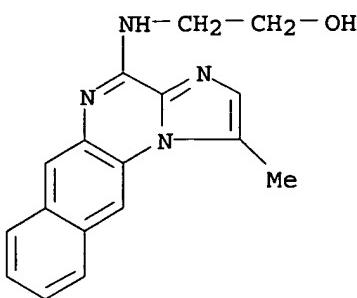
RN 409369-80-8 CAPLUS
CN 1H-Benz[g]imidazo[4,5-c]quinolin-4-amine, N,1-dimethyl- (9CI) (CA INDEX NAME)



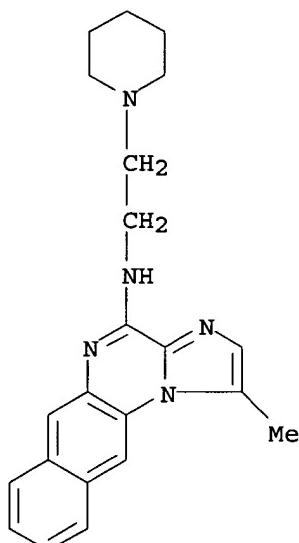
RN 409369-81-9 CAPLUS
CN 1,2-Ethanediamine, N-(1-methyl-1H-benz[g]imidazo[4,5-c]quinolin-4-yl)- (9CI) (CA INDEX NAME)



RN 409369-82-0 CAPLUS
CN Ethanol, 2-[(1-methylbenz[g]imidazo[1,2-a]quinoxalin-4-yl)amino]- (9CI) (CA INDEX NAME)



RN 409369-83-1 CAPLUS
 CN Benz[g]imidazo[1,2-a]quinoxalin-4-amine, 1-methyl-N-[2-(1-piperidinyl)ethyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:594634 CAPLUS
 DOCUMENT NUMBER: 137:154947
 TITLE: Method of treating inflammatory and immune diseases using 4-amino substituted imidazoquinoxaline, benzopyrazoloquinazoline, benzoimidazoquinoxaline and benzimidazoquinoline inhibitors of I.kappa.b kinase (IKK)
 INVENTOR(S): Burke, James R.; Nadler, Steven; Qiu, Yuping; Townsend, Robert M.; Zusi, Fred Christopher
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 100 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| WO 2002060386 | A2 | 20020808 | WO 2002-US3060 | 20020201 |

WO 2002060386 A3 20021010

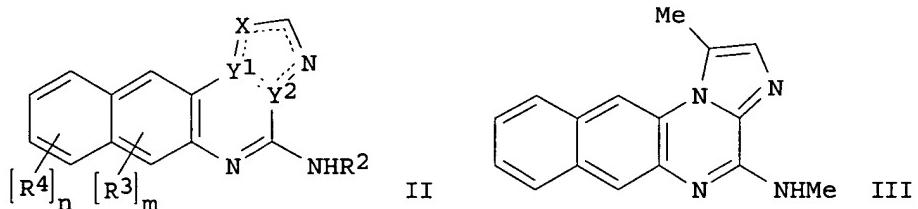
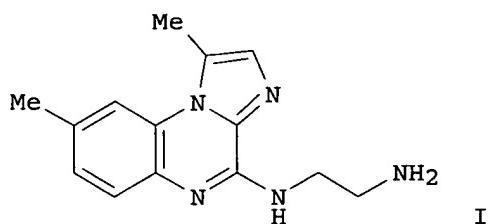
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| | CO | CR | CU | CZ | DE | DK | DM | DZ | EC | EE | ES | FI | GB | GD | GE | GH |
| | GM | HR | HU | ID | IL | IN | IS | JP | KE | KG | KP | KR | KZ | LC | LK | LR |
| | LS | LT | LU | LV | MA | MD | MG | MK | MN | MW | MX | MZ | NO | NZ | OM | PH |
| | PL | PT | RO | RU | SD | SE | SG | SI | SK | SL | TJ | TM | TN | TR | TT | TZ |
| | UA | UG | US | UZ | VN | YU | ZA | ZM | ZW | AM | AZ | BY | KG | KZ | MD | RU |
| | TJ | TM | | | | | | | | | | | | | | |
| RW: | GH | GM | KE | LS | MW | MZ | SD | SL | SZ | TZ | UG | ZM | ZW | AT | BE | CH |
| | CY | DE | DK | ES | FI | FR | GB | GR | IE | IT | LU | MC | NL | PT | SE | TR |
| | BF | BJ | CF | CG | CI | CM | GA | GN | GQ | GW | ML | MR | NE | SN | TD | TG |

US 2002072523 A1 20020613 US 2001-965977 20010927

PRIORITY APPLN. INFO.: US 2001-265853P P 20010201
US 2001-965977 A 20010927
US 2000-223304P P 20001003

OTHER SOURCE(S) : MARPAT 137:154947

GI *gastrointestinal* *gastroenteritis*



AB The title compd. I and compds. II [X = NR1, CR1, S; Y1, Y2 = N, C (with provisos); R1 = H, halo, alkyl, etc.; R2 = alkyl, alkenyl, alkoxy, etc.; R3, R4 = halo, alkyl, NO₂, etc.; m, n = 0-2], useful in preventing and treating inflammatory and immune-related diseases or disorders using inhibitors of I.kappa.B kinase (IKK), were prep'd. Thus, reacting 4-chloro-1-methylbenzo[g]imidazo[1,2-a]quinoxaline (prepn. given) with MeNH₂ afforded 69% III which showed IC₅₀ of 0.23 .mu.M against IKK-1.

IT 409369-76-2P 409369-78-4P 409369-79-5P

409369-80-8P 409369-81-9P 409369-82-0P

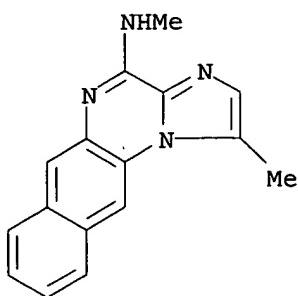
409369-83-1P 445430-60-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

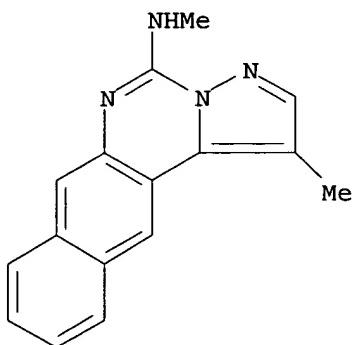
(method of treating inflammatory and immune diseases using 4-amino substituted imidazoquinoxaline, benzopyrazoloquinazoline, benzoimidazoquinoxaline and benzoimidazoquinoline inhibitors of I. κ . β kinase (IKK))

RN 409369-76-2 CAPLUS

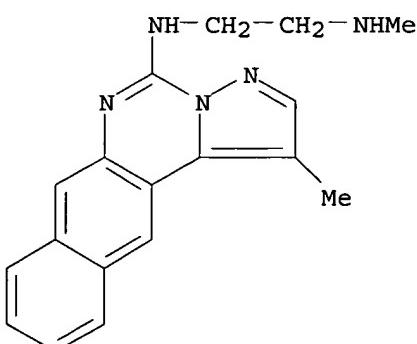
CN Benz[g]imidazo[1,2-a]quinoxalin-4-amine, N,1-dimethyl- (9CI) (CA INDEX NAME)



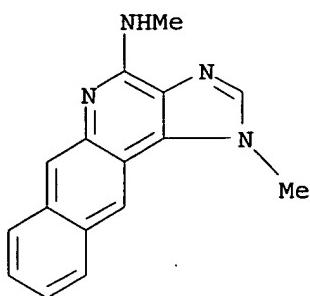
RN 409369-78-4 CAPLUS
CN Benzo[g]pyrazolo[1,5-c]quinazolin-5-amine, N,1-dimethyl- (9CI) (CA INDEX NAME)



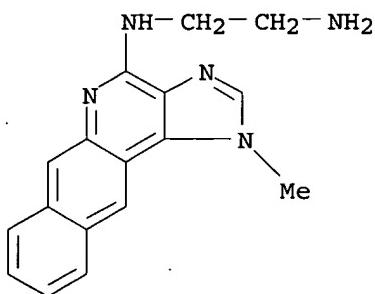
RN 409369-79-5 CAPLUS
CN 1,2-Ethanediamine, N-methyl-N'-(1-methylbenzo[g]pyrazolo[1,5-c]quinazolin-5-yl)- (9CI) (CA INDEX NAME)



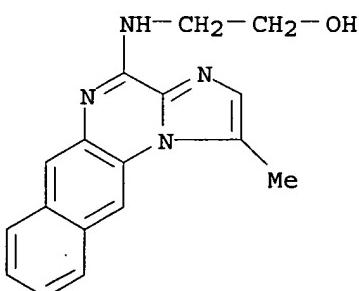
RN 409369-80-8 CAPLUS
CN 1H-Benz[g]imidazo[4,5-c]quinolin-4-amine, N,1-dimethyl- (9CI) (CA INDEX NAME)



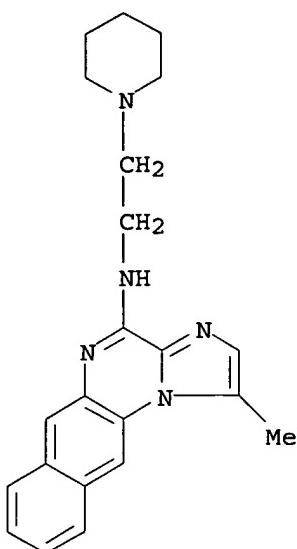
RN 409369-81-9 CAPLUS
CN 1,2-Ethanediamine, N-(1-methyl-1H-benz[g]imidazo[4,5-c]quinolin-4-yl)-
(9CI) (CA INDEX NAME)



RN 409369-82-0 CAPLUS
CN Ethanol, 2-[(1-methylbenz[g]imidazo[1,2-a]quinoxalin-4-yl)amino]- (9CI)
(CA INDEX NAME)

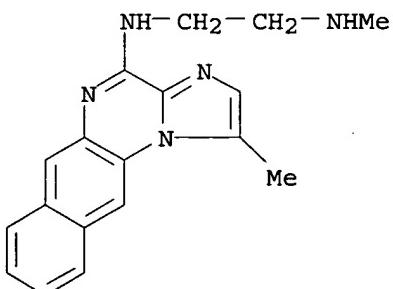


RN 409369-83-1 CAPLUS
CN Benz[g]imidazo[1,2-a]quinoxalin-4-amine, 1-methyl-N-[2-(1-piperidinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 445430-60-4 CAPLUS

CN 1,2-Ethanediamine, N-methyl-N'-(1-methylbenz[g]imidazo[1,2-a]quinoxalin-4-yl)-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:275989 CAPLUS

DOCUMENT NUMBER: 136:309937

TITLE: Preparation of amino-substituted tetracyclic compounds
as antiinflammatory agentsINVENTOR(S): Beaulieu, Francis; Ouellet, Carl; Belema, Makonen;
Qiu, Yuping; Yang, Xuejie; Zus, Fred C.

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 57 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

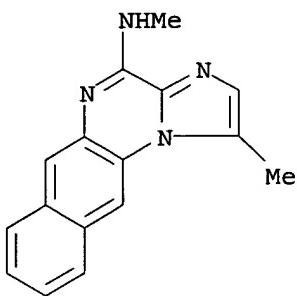
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

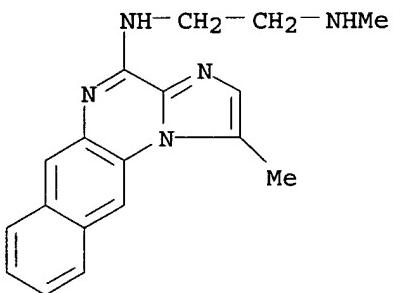
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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RN 409369-77-3 CAPLUS

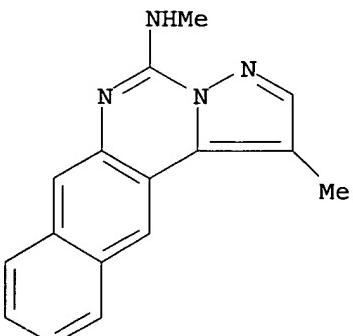
CN 1,2-Ethanediamine, N-methyl-N'-(1-methylbenz[g]imidazo[1,2-a]quinoxalin-4-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

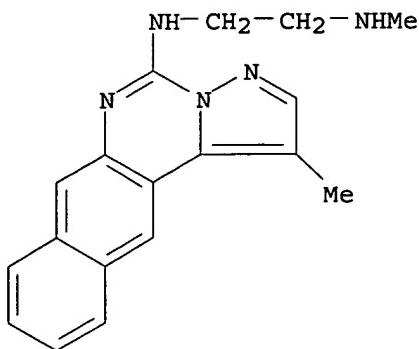
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CN Benzo[g]pyrazolo[1,5-c]quinazolin-5-amine, N,1-dimethyl- (9CI) (CA INDEX NAME)

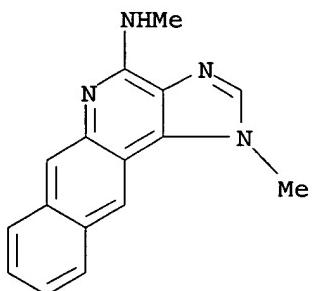


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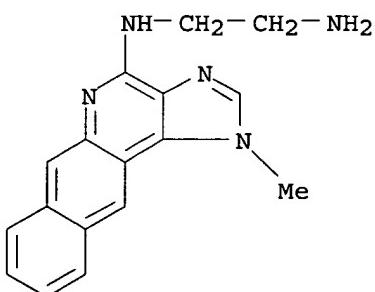
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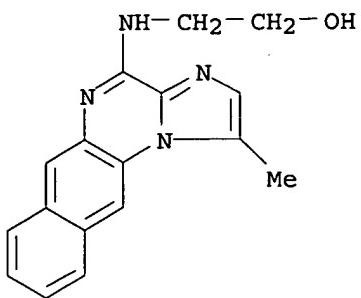
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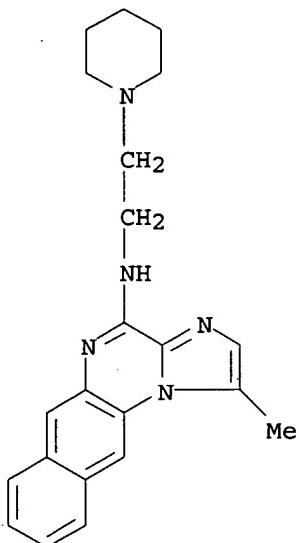
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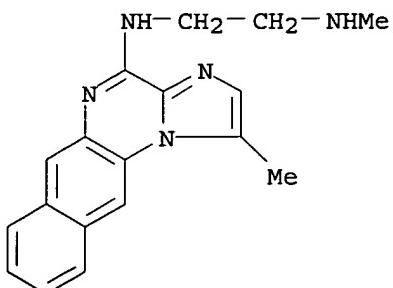
RN 409369-82-0 CAPLUS
CN Ethanol, 2-[(1-methylbenz[g]imidazo[1,2-a]quinoxalin-4-yl)amino]- (9CI) (CA INDEX NAME)



RN 409369-83-1 CAPLUS
CN Benz[g]imidazo[1,2-a]quinoxalin-4-amine, 1-methyl-N-[2-(1-piperidinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 409369-84-2 CAPLUS
CN 1,2-Ethanediamine, N-methyl-N'-(1-methylbenz[g]imidazo[1,2-a]quinoxalin-4-yl)- (9CI) (CA INDEX NAME)



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L1 0 S L1
L2 10 S L1 FUL

FILE 'CAPLUS' ENTERED AT 11:18:29 ON 16 APR 2003
L4 3 S L3

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|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 14.03 | 162.39 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| CA SUBSCRIBER PRICE | -1.95 | -1.95 |

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